

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20040143755").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:58
L4	4	"6684253"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:00
L5	1766	(connect\$4 communicat\$4) with ((plurality multiple different several) adj3 (domain\$5 realm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:04
L6	507	5 and @ad<"19991118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:08
L7	123	("709"/\$ "713"/\$).ccls. and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:02
L8	1095	(709/249).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:05
L9	11	8 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:07
L10	799	((single\$5 common\$3) adj3 (link\$3 line\$3 channel\$3 connection\$3)) with ((multiple\$3 plurality different\$3) adj3 (domain\$5 network\$3 realm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:07

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L11	9	8 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:08
L12	5	11 and @ad<"19991118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:08



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Relevance scale 

# 1 A construction approach for software agents using components



Liu Hong, Lin Zongkai, Zeng Guangzhou

May 1999 **ACM SIGSOFT Software Engineering Notes**, Volume 24 Issue 3

**Publisher:** ACM Press

Full text available:  pdf(469.76 KB) Additional Information: full citation, abstract, index terms

This paper presents a construction approach for software agents. A software agent is regarded as a main frame plus some components, and it is constructed by selecting suitable main frame and software components, assembling and running through the control mechanism on the main frame. The multi-agent system is organised on the Client/Server model. The developed system based on this method profits from software reuse in the distributed environment.

**Keywords:** constructing method, software agent, software component, software reuse

## 2 Conflict-free channel assignment for an optical cluster-based shuffle network configuration



**Khaled A. Aly**

October 1994 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Communications architectures, protocols and applications SIGCOMM '94**, Volume 24 Issue 4

**Publisher:** ACM Press

Full text available:  pdf(938.00 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A passive optical realization of large expandable shuffle networks is considered, where the general  $(p, k)$  shuffle function interconnects star-coupled clusters of time and/or wavelength multiplexed nodes. This configuration enables network partitioning into independent subnetworks that can emulate various indirect cube topologies on a virtual point-to-point basis. Node transmitters are assigned fixed channels and reconfiguring the partition and/or the individual sub-network ...

### <sup>3</sup> A failure and overload tolerance mechanism for continuous media servers



Rajesh Krishnan, Dinesh Venkatesh, Thomas D. C. Little

November 1997 **Proceedings of the fifth ACM international conference on Multimedia**

**Publisher:** ACM Press

Full text available:  pdf(2.23 MB)      Additional Information: [full citation](#), [references](#), [index terms](#)





**Keywords:** caching, clustered video servers, content insertion, fault tolerance, interactive

video-on-demand, overload tolerance, rate adaptive stream merging, stream clustering

Results 1 - 3 of 3

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"common channel" "plurality of domains"

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Method of address resolution for the transfer of synchronous ...

... the ATM network being organized in a **plurality of domains**; ... Thus signaling load in the **common channel** signaling network is reduced and the number of ...

[www.freepatentsonline.com/6535507.html](http://www.freepatentsonline.com/6535507.html) - 75k - [Cached](#) - [Similar pages](#)

Secure segregation of data of two or more domains or trust realms ...

The system employs a **common channel** carrying data of a **plurality of domains**; a first switch through which data enters the **common channel**; a second switch ...

[www.patentdebate.com/PATAPP/20040143755](http://www.patentdebate.com/PATAPP/20040143755) - Supplemental Result - [Similar pages](#)

Multiplex communications patents 200504

... service requests in a domain of a network comprising a **plurality of domains**, ... or a forward **common channel**; checking whether a data packet falls... ..

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**Multiplex communications patents 200509**

The method comprises the steps of determining a set of **filter** parameters (Fp) of a ... in an internet comprising a **plurality of networks**, a communication ...

[www.freshpatents.com/Multiplex-communications-dt200509ntc370.php](http://www.freshpatents.com/Multiplex-communications-dt200509ntc370.php) - 237k -

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**Telecommunications patents 200605**

20060111070 - Dc extracting arrangement and a **filter**: The present invention relates ... a **plurality of networks** supporting different positioning protocols. ...

[www.freshpatents.com/Telecommunications-dt200605ntc455.php](http://www.freshpatents.com/Telecommunications-dt200605ntc455.php) - 289k -

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**United States Patent: 6614781**

**Common Channel** Interoffice Signaling (CCIS) is another network ... An internet can transfer data between any of a **plurality of networks** including both LANs ...

[www.nuevocommunications.com/aboutus/patent/United%20States%20Patent%](http://www.nuevocommunications.com/aboutus/patent/United%20States%20Patent%206614781.htm)

[206614781.htm](http://www.nuevocommunications.com/aboutus/patent/United%20States%20Patent%206614781.htm) - 760k - [Cached](#) - [Similar pages](#)

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### EP0088906

The above system permits the use of a **plurality of networks** each of which may ... for transmitting messages to a slave station utilize a **common channel**, ...  
[swpat.ffii.org/pikta/txt/ep/0088/906/](http://swpat.ffii.org/pikta/txt/ep/0088/906/) - 25k - [Cached](#) - [Similar pages](#)

### Apparatus and method for providing transmitter hierarchy control ...

means for monitoring said **common channel** during said composite time delay; ... The above system permits the use of a **plurality of networks** each of which may ...  
[www.freepatentsonline.com/4466096.html](http://www.freepatentsonline.com/4466096.html) - 36k - [Cached](#) - [Similar pages](#)

### External apparatus for monitoring a communication system - Patent ...

**common channel** signaling means for separating a message communication function ... A **plurality of networks** 1a ... are connected to SPR 8 ... and SPR 8a ...  
[www.freepatentsonline.com/5459772.html](http://www.freepatentsonline.com/5459772.html) - 38k - [Cached](#) - [Similar pages](#)  
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### esp@cenet description view

... hierarchy control for efficient use of a **common channel** by a plurality of users. ... The above system permits the use of a **plurality of networks** each of ...  
[v3.espacenet.com/textdes?IDX=EP0088906&QPN=EP0088906](http://v3.espacenet.com/textdes?IDX=EP0088906&QPN=EP0088906) - 39k - [Cached](#) - [Similar pages](#)

### EP1364494 Broadcom european software patent - Method for adding a ...

... the wireless Bluetooth devices sharing a **common channel** form a piconet. ... network from a **plurality of networks** having overlapping coverage area. ...  
[gauss.ffii.org/PatentView/EP1364494](http://gauss.ffii.org/PatentView/EP1364494) - 47k - [Cached](#) - [Similar pages](#)

### EP1197040 Malibu european software patent - Tcp/ip packet-centric ...

Network 100 also includes a **common channel** interactive signaling (CCIS) network for ... An internet can transfer data between any of a **plurality of networks** ...  
[gauss.ffii.org/PatentView/EP1197040](http://gauss.ffii.org/PatentView/EP1197040) - 413k - [Cached](#) - [Similar pages](#)

### Bridge or gateway between networks - Patent Storm

A system to interworking a call between a **plurality of networks** having ... A pair of devices (400, 401) appear to be a **Common Channel** Signaling (CCS) ...  
[www.patentstorm.us/class/370/401-Bridge\\_or\\_gateway\\_between\\_networks-17.html](http://www.patentstorm.us/class/370/401-Bridge_or_gateway_between_networks-17.html) - 49k - [Cached](#) - [Similar pages](#)

### Conversion between signaling protocols - Patent Storm

A system is disclosed for interworking the PSTN **Common Channel** ... A system to interworking a call between a **plurality of networks** having different formats. ...  
[www.patentstorm.us/class/370/467-Conversion\\_between\\_signaling\\_protocols-4.html](http://www.patentstorm.us/class/370/467-Conversion_between_signaling_protocols-4.html) - 48k - Supplemental Result - [Cached](#) - [Similar pages](#)

### Mobile patent.

... for a **plurality of networks** and methods for operating the same ... device and method for reverse link **common channel** in mobile communication system ...  
[www.mobilepage.cn/mobile-phone-48.htm](http://www.mobilepage.cn/mobile-phone-48.htm) - 12k - [Cached](#) - [Similar pages](#)

### Multiplex communications patents 200509

... signal comprises a **common channel** interference cancellation facility operable to ... in

an internet comprising a **plurality of networks**, a communication ...  
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